

Project methodology

- Local project coordinators are, according to the proposal, members of Management Board. According to the project proposal: Management Board (MB) is a decision making body of the project chaired by PC. It is composed by project coordinators from each PI. It is in charge for the administrative and financial management and for the control of all planned activities. The decisions taken within MB need to be reached by 1/2 majority.

Table 1. List of local project coordinators- members of the Management board (MB)

Partner	Name of the local project coordinator	E-mail	Phone/mobile
FAZ	Renata Bažok	rbazok@agr.hr harissa@agr.hr	+385 1 2393969/ +385 98 262878
FAZOS	Vlatka Rozman	vrozman@fazos.hr	+385 31 554 832 +385 91 2242051
UNIBA	Enrico de Lillo	enrico.delillo@uniba.it enrico.delillo@gmail.com	+39 080 5443105 +39 328 4120880
AU	Vili Harizanova	vili.harizanova@gmail.com vili@au-plovdiv.bg	+359 895 742012 +359 32 654 271
AUA	Dimitrios Tsitsigiannis	dimtsi@aua.gr	+30 210 5294506 +30 697 4178102
AUT	Magdalena Cara	magdacara@gmail.com magdacara@ubt.edu.al	+355 52 237 876
UNIKO	Ilir Nicko	nicko_ilir@yahoo.com ivangjelnicko@gmail.com	+355 69 270 0221
UNSA	Nedžad Karić	karic.nedzad@bih.net.ba	+387 33 225 727 +387 61 899 640
SVEMO	Ivan Ostojić	ivan.ostojic@ptf.sum.ba adrijana.filipovic@ptf.sum.ba	+387 36 337 103 +387 63 315 676
UB	Dragana Božić	dbozic@agrif.bg.ac.rs	+381 11 441 3275 +381 60 6008 946
UNS	Aleksandra Konjević	sashak@polj.uns.ac.rs	+381 21 4853358/ +381 69 2191216
UoM	Nedjeljko Latinović	nlatin@ac.me	+382 67 214 875

Description of WP 8

Objectives	<ul style="list-style-type: none"> ➤ Ensure a structured, timely, cost efficient and successful project start, implementation, reporting, controlling, project internal communication and project finalization; ➤ Develop and update detailed project plans; ➤ Provide necessary guidelines and guidance and support to the WP Leaders; ➤ Organize and moderate consortium and management relevant meetings; ➤ Support the decision making process in the project;
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	<ul style="list-style-type: none"> ➤ Coordinate overall project activities; ➤ Support and enable the project internal communication (in collaboration also with the Dissemination WP); ➤ Support the work of Stakeholder Board (SP); ➤ Coordinate the financial and content related reports; ➤ Support the mandatory project audit; ➤ Development of any additional necessary project documentation; 		
Outcomes	<p>1. MB meetings organized, meeting minutes produced</p> <p>Six MB face to face meetings will be held. Kick off meeting will be held in Zagreb. On the kick off meeting, partner institution representative, members of WP1, WP2, WP3, WP4, WP6 and WP7 will attend as well as it is described in particular WP description. MB members will meet on the same workshops when other work package members will meet (Podgorica, Belgrade, Mostar, Tirana and Novi Sad). For each meeting agenda and meeting, minutes will be produced. Meeting minutes will be approved by participants.</p>	<p>February 2019</p> <p>May 2019</p> <p>October 2019</p> <p>March 2020</p> <p>October 2020</p> <p>October 2021</p>	<p>Lead partner, Pls</p>
	<p>2. Consortium agreement signed</p> <p>Consortium Agreement will be prepared in order to set up all project implementation rules and duties of all participating partners. It will define financial rules and responsibility sharing among participants. It will be signed during the kick off meeting.</p>	<p>February 2019</p>	<p>Lead partner</p>
	<p>3. Project management plan developed</p> <p>The description of project management related processes and roles will be outlined in the Project Management Plan. PMP will be published on web page. The all project team members and the project structure will be defined and published on web page.</p>	<p>February 2019</p>	<p>Lead partner+ Pls</p>
	<p>4. Stakeholder board functioning</p> <p>Associated partners are affiliated to different Pls. They will be represented by one member of SB and will participate and support various project activities. SB will meet three times during the project lifetime, at kick-off conference in Zagreb, in Tirana and in Novi Sad. SB will produce various reports based on the requests of the members of different WPs. SB members will discuss and comment learning outcomes and curriculum draft of the Joint PhD study programme, they will discuss improvements and</p>	<p>February 2019</p> <p>October 2020</p> <p>October 2021</p>	<p>Lead partner+ Pls</p>



	newly developed courses within the existing PhD study programs and they will comment on the scientific contents and research topics, and their compliance with the real needs.		
	<p>5. Interim and final narrative and financial reports</p> <p>According to Erasmus + rules, 18 months after the project beginning the midterm review will be prepared and at the end of the project implementation final report will be prepared. Partner institutions will timely deliver all financial documentation to the coordinator. WP leaders will produce regular reports to the coordinator and to MB. Based on these documents, interim and final reports will be prepared and submitted to EACEA.</p>	<p>July 2020 January 2022</p>	<p>Lead partner</p>

Meetings of the members of WP8

Date	Place	Task
February 2019	Zagreb	Organize the work, discuss the project management plan, organize SB meeting
May 2019	Podgorica	Discuss project implementation rules, ensure smoothly functioning other WPs, Coordinate overall project activities
October 2019	Belgrade	Monitoring project implementation, Coordinate overall project activities
March 2020	Mostar	Monitoring project implementation, coordinate overall project activities, preparation for mid-term report
October 2020	Tirana	Monitoring project implementation, coordinate overall project activities,
October 2021	Novi Sad	Monitoring project implementation, coordinate overall project activities, preparation for mid-term report

- There are eight associated partners each affiliated to different PIs. Stakeholder board (according to proposal) will ensure that the Consortium takes into account the interests expressed by stakeholders and beneficial, and operates for the benefit of the plant health within EU.

Table 2. List of associated partners and PIs to which they are affiliated to.

Associated partner	PI	Name of the representative	Position	Contact data (e-mail, phone number)
Croatian Plant Protection Society (HDBZ)	FAZ	Jasminka Igrc Barčić	President	jasminka.igrc-barcic@chromos-agro.hr +385 98 416329

Centro di Ricerca, Sperimentazione e Formazione in Agricoltura "Basile Caramia" (CRSFA)	UNIBA	Crescenza Dongiovanni	Responsible of the Bioassay center	enzadongiovanni@crsfa.it +39 346 3967290
Istituto per la Protezione Sostenibile delle Piante del Consiglio Nazionale delle Ricerche (IPSP)	UNIBA	Pierfederico La Notte	Researcher	pierfederico.lanotte@ipsp.cnr.it +39 080 5443126
Mediterranean Agronomic Institute of Chania in Crete (CIHEAM_MAICH)	AUA	Ioannis Livieratos	Studies & Research Coordinator, Dept. Sustainable Agriculture	+30 28210 35050 livieratos@maich.gr
NATIONAL AGENCY FOR SCIENTIFIC RESEARCH AND INNOVATIONI /NASRI	AUT	Robert Dumi	Director of Agency	Robert.Dumi@akti.gov.al
Kantina e pijeve "Gjergj Kastrioti Skenderbeu", Sha. Canteen of beverages "Gjergj Kastrioti Skenderbeu", Sha. KANTINA	AUT	Jordan Merkuri	Director of Didactic Center	jordanmerkuri@gmail.com
Društvo za zaštitu bilja u Bosni i Hercegovini Plant Protection Society in Bosnia and Herzegovina DZBBIH	UNSA	Meho Majdančić	Predsjednik Upravnog odbora	meho.majdancic@bih.net.ba +387 61 423 330
Društvo za zaštitu bilja Srbije/Plant protection society of Serbia (DZBS)	UB	Brankica Tanović	Predsednik	brankica.tanovic@pesting.org.rs +381603594143

Meetings of the members of SB

Date	Place	Task
February 2019	Zagreb	Organize the work, discuss the activities and duties
October 2020	Mostar	Discuss the finalized documents or documents in preparation: 1. Consortium report on current PhD study programs 2. The first draft of the description a joint PhD course curriculum 3. Mobility scheme 4. Proposed research topics etc.
October 2021	Novi Sad	Participate in the scientific conference

3. One person from every PI work on WP 1 (Review of partner PhD study courses (scientific aspects))

Table 3. List of WP1 members

Partner	Person engaged	Contact data (e-mail/ phone number)
FAZ	Prof. Boro Mioč, PhD	bmioc@agr.hr /+385 1 2393867
FAZOS- WP leader	associate professor Ivana Majić, PhD	Ivana.Majic@fazos.hr /+385 99 4471744
UNIBA	Prof. Antonio Ippolito, PhD	Antonio.ippolito@uniba.it / +39 080 5443053 +39 338 4650435
AU	Assist. Prof. Melika Mohamedova, PhD	mohamedovamelika@gmail.com m.mohamedova@au-plovdiv.bg / +359 32 654 271
AUA	Lecturer Konstantinos Aliferis, PhD	konstantinos.aliferis@aua.gr / +30 210 529 4541
AUT	Thanas Ruci	thrucci@ubt.edu.al
UNIKO	Besnik Skenderasi, PhD	besniksk@yahoo.com / +355 68 4060531
UNSA	Prof. Saud Hamidović, PhD	s.hamidovic@ppf.unsa.ba +387 33 225 727; +387 62 136 168
SVEMO	PhD Adrijana Filipović	adrijanamajic@gmail.com ; adrijana.filipovic@aptf.sum.ba ; / +387 63 355 000
UB- WP leader	Prof. Sava Vrbničanin, PhD	sava@agrif.bg.ac.rs / +381 11 4413307
UNS	Prof. Dušan Petrić, PhD	dusanp@polj.uns.ac.rs / +381 21 4853417
UoM	Prof. Nedeljko Latinović, PhD	nlatin@ucg.ac.me / +382 67 214 875

Description of WP 1

Objectives	<ul style="list-style-type: none"> ➤ To review the existing PhD study program; ➤ To establish the compliance of the existing PhD study programs (SWOT analysis) with Bologna process and with national and EU qualification framework; ➤ To establish how the existing courses are addressing national, regional and EU priorities in plant health issues; 		
Outcomes	1. Lead partners will propose a template (scientific contents, learning outcomes) of a report for each partner PhD course focusing on plant health (entomology and applied zoology, plant pathology, weed science, phytopharmacy, sustainable use of pesticides, IPM, ...) and general interest disciplines, and on their compliance with Bologna process and national qualification framework.	Deadline 1 st February 2019	Lead partners

	2. During a workshop on the 2nd day of the kick-off meeting in Zagreb (Feb 2019), partners 1) will illustrate own existing PhD course, 2) will discuss the compliance of each PhD course with Bologna process, national and EU qualification framework, and national, regional and EU priorities in plant health (SWOT analysis), 3) will compare learning outcomes of PhD courses.	End of February (kick off)	all partners
	3. Joint analyses of the partner PhD courses (consortium report) The discussion held in Zagreb (Feb 2019) will produce a joint report which will compare the PhD courses, their scientific contents, their compliance with Bologna process, national and EU qualification framework, and the learning outcomes. It will serve as base for discussion in WP2 and WP3.	April 30 th 2019	Lead partners+ PIs

Meetings of the members of WP1

Date	Place	Task
February 2019	Zagreb	Discuss the current PhD study programmes

4. One person from every PI work on WP 2 (Joint framework for harmonization of PhD courses and development of a International joint curriculum draft (rules and management aspects))

Table 4. List of members of the WP2

Partner	Person engaged	Contact data (e-mail/ phone number)
FAZ	assistant professor. Darija Lemić, PhD	dlemic@agr.hr /+385 1 2393649
FAZOS	associate professor Anita Liška, PhD	aliska@fazos.hr /+385 31 554841
UNIBA	Dr. Pietro Borracci	pietro.borracci@uniba.it /+39 080 5442875; +39 328 1359361
AU- WP leader	Prof. Vili Harizanova PhD	vili.harizanova@gmail.com /+359 895 742012
AUA	Prof. Epameinondas Paplomatas	epaplom@aua.gr / +30 210 2105294515
AUT	Shpend Shahini	Shpend.shahini@gmail.com
UNIKO	Prof. Gjergji Mero PhD	gjmero@yahoo.com / +355 68 415525
UNSA	assistant professor Melisa Ljuša	m.ljusa@ppf.unsa.ba /+387 33 225 727; +387 60 32 99 445
SVEMO	PhD Anita Ivanković	anitaivankovic@gmail.com ; anita.ivankovic@aptf.sum.ba /+387 36 337 117



UB	Prof. Olivera Petrović-Obradović, PhD	petrovic@agrif.bg.ac.rs /+381 11 4413180
UNS	Prof. Sanja Lazić, PhD	sanjal@polj.uns.ac.rs / +381 21 4853330
UoM- WP leader	Associate professor, Jelena Latinović, PhD	jelenalat@ucg.ac.me / + 382 69 356 867

Description of WP 2

Objectives	<ul style="list-style-type: none"> ➤ To discuss the practices for tutoring and management of PhD study program among PIs; ➤ To identify and exchange the best practices to be proposed as guidelines of newly developed draft; ➤ To discuss and identify how a joint curriculum has to respond to the research and education needs for plant health in sustainable agriculture; ➤ To analyse the scientific contents of the existing courses related to Plant Health taught at PIs and how they correspond to the national, regional and EU priorities; ➤ To develop the roadmap for the arrangement of an International Joint PhD study program in Plant Health for Sustainable Agriculture as the first step prior to the developing a curriculum; ➤ To develop the first draft of a curriculum of an International Joint PhD study program in Plant Health for Sustainable Agriculture; 		
Outcomes	<p>1. University reports on PhD study program management and mentoring Members of the WP 2 will meet during the kick off meeting (in Zagreb) and will have their own separate session. At that session the aims of WP2 will be explained and the methodology will be discussed. Members will be asked to prepare the documents describing the PhD study program management and mentoring system in their institutions and presents the results at the workshop in Podgorica. Management and mentoring system encompass: rules and procedures for the enrolment, mentoring, mentor selection, approval of PhD topics to the final thesis, defence and graduation.</p>	End of February (kick off)	all partners
	<p>2. Workshop for developing guidance document (guidelines) At the workshop (planned in Podgorica in May 2019) the different management and tutoring practices will be presented and discussed and the best ones will be identified. In the second part of the workshop, the discussion will be held in order to identify how the joint curriculum shall address the research and</p>	May 2019	lead partners+ PIs



	<p>education needs for plant health knowledge in sustainable agriculture. Learning outcomes will be proposed. Based on the results of WP1 and WP2 discussions/results, the action plan and the basic structure (guidelines) for developing a PhD course (tasks, duties, deadlines, issues related to the integrated nature and common rules, management and quality criteria of the course) will be agreed among partners. Planning a PhD course will be done with particular care on decisional and procedural criteria regarding stakeholder and student involvement, management and tutoring of the PhD course, staff and equipment requirements, regulations, didactic and administrative aspects, student and staff mobility.</p>		
	<p>3. Workshop on curriculum draft development and setting up The rules for accreditation of a joint PhD course at the consortium universities will be explored and analysed (if the accreditation will be possible). The first draft of the description a joint PhD course curriculum will be presented and discussed on a work-shop in Tirana (Oct 2020) and suggestions for improvements will be proposed</p>	<p>October 2020</p>	<p>lead partners+ PIs</p>
	<p>4. Final draft of the curriculum for International joint PhD study program in plant health for sustainable agriculture Based on the conclusions in Mostar Tirana (Oct 2020), a final version of the curriculum will be prepared and presented in Novi Sad (Oct 2021).</p>	<p>October 2021</p>	<p>Lead partners</p>

Meetings of the members of WP2

Date	Place	Task
February 2019	Zagreb	Introduction and discussion on methodology
May 2019	Podgorica	Exchanging the practices, discussing and development of guidelines
October 2020	Tirana	Creation of curriculum draft
October 2021	Novi Sad	Presentation of final curriculum

5. One person from every PI is coordinate work of WP3 in their institution. Three additional teachers with different scientific expertise work in different subgroups (proposed subgroups are: Diagnosis in plant health and IPM; Sustainable use of pesticides; Plant feeders; Plant Pathology; Weed science; Mycotoxins and food safety; General contents of transversal interest) within the WP 3 (**Improving the scientific content**)

Table 5. List of persons who will be the representative for WP3

Partner	Person engaged	Contact data (e-mail/ phone number)	Scientific field
FAZ	Maja Šćepanović	mscepanovic@agr.hr / +385 1 2394033	5. Weed science
FAZOS	associate professor Ivana Majić, PhD	Ivana.Majic@fazos.hr /+385 99 4471744	3. Plant feeders
UNIBA-WP leader	Prof. Eustachio Tarasco	eustachio.tarasco@uniba.it /+39 333 7633638	1. Diagnosis in plant health and IPM
AU	Assoc. Prof. Dimitryika Sakaliev, PhD	d_sakaliev@hotmail.com /+359 89 822 4159	4. Plant pathology
AUA	Assistant Professor Sotirios Tjamos	sotiris@aua.gr / +30 210 5294519	4. Plant pathology
AUT	Skender Varaku	skendervaraku@gmail.com	5. Weed science
UNIKO	Fehmi Xhemo	fehmixhemo@yahoo.com /+355 68 2052885	6. Mycotoxins and food safety
UNSA	Prof. Mirha Đikić, PhD	m.djivic@ppf.unsa.ba /+387 33 225 727; +387 61 543 652	5. Weed science
SVEMO	Ana Mandić PhD	ana.mandic@aptf.sum.ba /+387 63 423 971	7. General contents of transversal interest
UB	associate professor Nataša Duduk, PhD	natasadukic@yahoo.com /+381 11 4413 190	4. Plant pathology
UNS-WP leader	Associate professor Aleksandra Ignjatović-Ćupina, PhD	cupinas@polj.uns.ac.rs / +381 21 4853 353	3. Plant feeders
UoM-	Sanja Radonjić	sanja_radonjic@t-com.me / + 382 69 013 801	3. Plant feeders

6. Table 6. Teachers who will additionally participate in the work in WP3

Partner	Person engaged	Contact data (e-mail/ phone number)	Scientific field/sub-group
FAZ	1. asistant professor Ivana Pajač Živković, PhD 2. asistant professor Maja Čačija, PhD 3. associate professor Aleksandar Mešić, PhD	ipajac@agr.hr / +385 1 2393948 mcacija@agr.hr / +385 1 2393621 amesic@agr.hr / +385 1 2393858	3. Plant feeders - Entomology 1. Diagnosis in plant health & IPM 2. Sustainable use of pesticides
FAZOS	1. Prof. Mirjana Brmež, PhD 2. Prof. Karolina Vrandečić, PhD 3. associated professor Jelena Ilić, PhD	mbrmez@fazos.hr / +385 31 554 909 kvrandecic@fazos.hr / +385 31 554930 jilic@fazos.hr / +385 31 554 929	7. General contents of transversal interest 4. Plant Pathology 6. Mycotoxins and food safety
UNIBA	1. Associate professor Franco Nigro 2. Assistant professor Claudio De Giovanni 3. Assistant professor Matteo Spagnuolo 4. Professor Antonio Ippolito	franco.nigro@uniba.it / +39 366 3181006 claudio.degiovanni@uniba.it / +39 348 8620608 matteo.spagnuolo@uniba.it / +39 349 4472206	1. Diagnosis in plant health and IPM/ 6. Mycotoxins and food safety 7. General contents of transversal interest 2. Sustainable use of pesticides 7. General contents of transversal interest
AU	1. assoc. prof. Yordanka Kartalska, PhD 2. assoc. prof. Miroslav Tityanov, PhD 3. assist. prof. Melika Mohamedova, PhD	kartalska@gmail.com / +359 888 870036 miroslav.tityanov@sab.bg / +359 888 531119 mohamedovamelika@gmail.com ; m.mohamedova@au-plovdiv.bg / +359 32 654 271	6. Mycotoxins and food safety 2. Sustainable use of pesticides 3. Plant feeders
AUA	1. Professor Epameinondas Paplomatas, PhD 2. Associate Professor Dimitrios Tsitsigiannis, PhD	epaplom@aua.gr / +30 210 2105294515 dimitsi@aua.gr / +30 210 5294506	1. Diagnosis in plant health and IPM 6. Mycotoxins and food safety/7. General contents of transversal

	3. Assistant Professor Sotirios Tjamos, PhD	sotiris@aua.gr / +30 210 5294519	interest 4. Plant Pathology
AUT	1. Magdalena Cara 2. Skender Varaku 3. Natasha Duraj	magdacara@ubt.edu.al skendervaraku@gmail.com nduraj@ubt.edu.al	2. Sustainable use of Pesticides 5. Weed science 3. Plant feeders
UNIKO	1. Associated professors Besnik Skenderasi 2. Nikollaq Roshanji 3. Ilir Ničko	besniksk@yahoo.com / +355 68 4060531 nikoro60@yahoo.com /+355 69 3859727 ivangjelnicko@gmail.com /+355 69 2700221	1. Diagnosis in plant health and IPM 7. General contents of transversal interest 5. Weed science
UNSA	1. Prof Drena Gadžo, PhD 2. assistant professor. Teofil Gavrić, PhD 3. Professor Nedžad Karić	d.gadzo@ppf.unsa.ba /+387 33 225727; +387 61 812099 t.gavric@ppf.unsa.ba /+387 33 225727; +387 61 393389	5. Weed science 5. Weed science 3. Plant feeders
SVEMO	1. Anita Jurić PhD 2. Mladen Zovko 3. Danijela Petrović PhD	ajuric2@googlemail.com ; /+387 63 315 680 mladen.zovko@aptf.sum.ba /+387 63 990 563 danci.petrovic@gmail.com /+387 36 337 117; +387 63 318 719	6. Mycotoxins and food safety 4. Plant pathology 7. Weed science
UB	1. associate professor Dragica Brkić, PhD 2. asistant professor Biljana Vidović, PhD 3. associate professor Dragana Božić, PhD 4. professor Sava Vrbničanin, PhD	dragica.brkic@agrif.bg.ac.rs /+381 11 4413398 magud@agrif.bg.ac.rs /+381 11 4413431 dbozic@agrif.bg.ac.rs /+381 11 4413275	2. Sustainable use of pesticides 3. Plant feeders 5. Weed science 7. General contents of transversal interest
UNS	1. Prof. Ferenc Bagi, PhD 2. Assistant professor Bojan Konstantinović, PhD 3. Associate professor Slavica Vuković, PhD	ferenc.bagi@polj.edu.rs /+381 21 4853 356 bojank@polj.uns.ac.rs / +381 21 4853 315 vukovic@polj.uns.ac.rs / +381 21 4853 333	4. Plant pathology/6. Mycotoxins and food safety 5. Weed science 2. Sustainable use of pesticides

	4. Professor Dušan Petrić, PhD		7. General contents of transversal interest
UoM	1. professor Leka Zorica 2. professor Jovović Zoran 3. associate professor Latinović Jelena	zorica@ucg.ac.me / +382 67 268 800 zoran.jovovic.btf@gmail.com / +382 69 072 064 jelenalat@ucg.ac.me / +382 69 356 867	5. Weed science 4. Plant pathology

7. Table 7. Students who will additionally participate in the work in WP3

Partner	Student engaged	Contact data (e-mail/ phone number)	Scientific field
FAZ	1. Helena Virić Gašparić/Martina Kadoić Balaško (replacement) 2. Valentina Šoštarčić	hviric@agr.hr /+385 1 2393804, mmrganic@agr.hr vsostarcic@agr.hr /+385 1 2393804	3. plant feeders 5. weed science
FAZOS	1. Josipa Puškarić 2. Tamara Siber	jpuskaric@fazos.hr /+385 95 5022737 tamara.siber@fazos.hr /+385 99 6927768	3. plant feeders 4. plant pathology
UNIBA	1. Claudia Greco 2. Vincenzo Tragni	claudia.greco@uniba.it /+39 333 4643260 vincenzo.tragni@uniba.it /+39 349 7853443)	4. plant pathology 6. plant pathology
AU	1. Martin Marinov 2. Maria Hristozova	mmarinov6@gmail.com /+359 895 103851 mariya_valerieva@abv.bg /+359 899 561381	4. plant pathology 3. plant feeders
AUA	1. Maria Iliadi 2. Christina Lagogianni	maria_iliadi90@hotmail.com christinalagogianni@hotmail.gr	4. plant pathology 6. mycotoxins and food safety
AUT	1. Andi Sollaku 2. Amadeo Kola	andisollaku1@hotmail.com	2. Sustainable use of pesticides 5. Weed science
UNIKO	1. Xhuliana Qirinxhi	xh.qirinxhi@yahoo.com /+355 69 7339001	3. plant feeders
UNSA	1. Arnela Okić 2. Fejzo Bašić	a.okic@ppf.unsa.ba /+387 33 225 727; +387 61 871 844 f.basic@ppf.unsa.ba	4. plant pathology 5. Weed science

		/+387 33 225 727; +387 62 256 808	
SVEMO	1. Antonela Musa 2. Dragan Jurković	musa.antonela@gmail.com dragan.jurkovic@aptf.sum.ba	5. Weed science 2. sustainable use of pesticides
UB	1. Nina Vučković 2. Uroš Vojinović	ninaradulovic@hotmail.com / +381 64 6355438 vojin1993ar@gmail.com /+381 655291772	4. plant pathology 2. sustainable use of pesticides
UNS	1. Marta Loc 2. Milica Dudić	martaloc94@gmail.com milicadudic92@gmail.com	4. plant pathology 2. sustainable use of pesticides
UoM	1. Ana Velimirović 2. Balša Bajagić	ana.velimirovic@hotmail.com / + 382 69 895 805 balsab@ucg.ac.me / + 382 67 358 446	1. diagnosis in plant health 2. sustainable use of pesticides

Description of WP 3

Objectives	<ul style="list-style-type: none"> ➤ To improve the courses that are currently taught in partners PhD study programs; ➤ To propose new courses (subjects); ➤ To improve scientific contents of the PhD research topics held at PIs; ➤ To organize scientific conference and to present PhD work of the students; 		
Outcomes	<p>1. Creation of working subgroups and preparation of working agenda</p> <p>The organisational structure of WP3 will be discussed with representatives (one) of each PI at the meeting planned in Zagreb. It is proposed to establish seven scientific sub-groups (or working sub-groups):</p> <ol style="list-style-type: none"> 3.1. Diagnosis in plant health and IPM 3.2. Sustainable use of pesticides 3.3. Plant feeders 3.4. Plant pathology 3.5. Weed science 3.6. Mycotoxins and food safety 3.7. General contents of transversal interest <p>Depending on the interest from teachers, scientific sub-groups will count 3- 5 members. PhD students who are in the final phase of their PhD study will be invited to participate as well. All formed groups will discuss and agree about working agenda during the project lifetime</p>	End of February (kick off)	all partners
	2. Workshops organized	May 2019	lead

	<p>Three workshops (Podgorica, Belgrade and Mostar) for member of WP3 will be organized. On each workshop, scientists' and students, members of the sub-groups will meet (3-4 participants/ subgroup) and discuss the existing subjects taught at PhD programs of the consortium universities. They will compare the learning outcomes, available methods, tools and human capacities. They will <u>identify similarities and differences among courses; propose improvements related to teaching materials, teaching methods and tools and identify courses for which joint learning materials can be developed. They will identify teaching needs based on the achievements of WP2 and propose the new courses creation.</u></p>		partners + PIs
	<p>3. Scientific needs identified and research topics for PhD thesis and joint mentorship proposed Needs for further research topics and methodologies on plant health for sustainable agriculture in each of the sub-group will be identified and possible research topics and joint mentorship will be proposed. Student and staff mobility will be proposed to WP5 in order to ensure joint mentorship and intensify scientific cooperation among the partner scientists.</p>	October 2020	lead partners+ PIs
	<p>4. The improvements of the existing courses After identification of similarities and differences among existing courses at different PIs, scientific subgroups will propose improvements related to the contents, teaching materials, teaching methods and tools. The improvements will be implemented in the existing courses design and approved by the respective PIs bodies. Teaching material for existing courses will be developed in English and in national languages (if needed).</p>	November 2020	Lead partners + PIs
	<p>5. New subjects related to plant health developed; During the discussion within subgroups the new subjects will be proposed and developed jointly by the scientists from different PIs. Teaching and learning material will be developed. New courses will be approved by the respective authorities at institution level. The material will be developed in English and in national languages (if needed)</p>	October 2021	Lead partners + PIs
	<p>5. Jointly prepared teaching material – The common teaching material in a form of ppts, textbooks, multimedia, etc... will be developed for the courses that are similar and taught at different PIs. The</p>	October 2021	Lead partners + PIs

	material will be developed in English and in national languages (if needed).		
	<p>6. Scientific conference organization</p> <p>At the end of the activity, the scientific conference in Novi Sad (October 2021) will be organized. PhD students will present their research results. The newly developed courses will be presented at this conference as well as the curriculum for Joint PhD study program. The program of the conference will be published on the web page. Abstract will be published on the web page also.</p>	October 2021	Lead partners + PIs

Meetings of the members of WP3 and information on who is participating (Contact person- CP, Subgroups members-SGM, Students-S)

Date	Place	Who is participating	Task
February 2019	Zagreb	CP, S	To discuss the organisational structure of WP3. To form the working sub-groups, and to agree about working agenda during the project lifetime.
May 2019	Podgorica	CP, SGM (1 per partner), S (2 per partner)	To identify similarities and differences among existing courses at PIs; to propose improvements related to teaching materials, teaching methods and tools and identify courses for which joint learning materials can be developed. To identify teaching needs based on the achievements of WP2 and propose the new courses creation. The improvements and new courses will be implemented in the existing courses design and approved by the respective PIs bodies.
October 2019	Belgrade	CP, SGM (3 per partner), S (2 per partner)	To identify the needs for further research topics and methodologies on plant health for sustainable agriculture in each of the sub-group and to propose possible research topics and joint mentorship. To propose student and staff mobility to WP5 in order to ensure joint mentorship and intensify scientific cooperation among the partner scientists.
March 2020	Mostar	CP, SGM (2 per partner), S (2 per partner)	To propose the new subjects (courses) and to propose the development of joint teaching material for existing courses in English and in national languages (if needed).
October 2021	Novi Sad	CP, SGM (2 per partner), S (3-5 per partner)	To present the newly developed courses. To propose the joint research results resulted from the exchange of teachers and students.

8. One person from every PI work on WP 4 (**Establishment of diagnostic and training hubs (DTH)**)

Table 8. List of members of the WP4

Partner	Person engaged	Contact data (e-mail/ phone number)
FAZ	assistant professor Ivan Juran, PhD	ijuran@agr.hr /+385 1 2393965
FAZOS	Prof. Karolina Vrandečić, PhD	kvrandecic@fazos.hr /+385 31 554930
UNIBA	full professor Francesco Faretra	francesco.faretra@uniba.it /+39 339 1803839)
AU	Assoc. prof. Mladen Naydenov, PhD	mladenay@gmail.com /+359 89661 0316
AUA- WP leader	Associate Professor Dimitrios Tsitsigiannis, PhD	dimtsi@aua.gr / +30 210 5294506
AUT- WP leader	Magdalena Cara	magdacara@ubt.edu.al /
UNIKO	Associated Prof. Irena Kallço	irenakallco@gmail.com /+355 69 4051354
UNSA	Prof. Fuad Gaši, PhD	f.gasi@ppf.unsa.ba /+387 33 225 727; +387 61 348 106
SVEMO	Mladen Zovko	mladen.zovko@apr.f.sum.ba /+387 63 990 563
UB	associate professor Milan Ivanović, PhD	milanivanovic007@yahoo.com /+381 11 4413301
UNS	Assistant professor Bojan Konstantinović, PhD	bojank@polj.uns.ac.rs / +381 21 4853 315
UoM	Professor Željko Jačimović, PhD	zeljkoj@ucg.ac.me / +382 69 314 358

Description of WP 4

Objectives	<ul style="list-style-type: none"> ➤ To develop the selection criteria and identify the excellence of scientific groups within the PIs from partner countries; ➤ To upgrade existing facilities in service of PhD students', staff and professionals' needs; ➤ To establish diagnostic and training hubs with high expertise in particular fields available to serve as regional centers for education and spreading knowledge; 		
Outcomes	<p>1. Selection criteria and evaluation procedure for diagnostic and training hubs-</p> <p>During the kick off meeting, members of WP5 will meet and discuss the selection criteria and the selection procedure for diagnostic and training hubs. The main selection criteria will concern on the regional distribution, experience and scientific</p>	May 2019	Lead partners+ PIs

	<p>excellence in related area, human capacities, existing and requested equipment, and strategic action plan of the diagnostic and training hub. A template for the equipment list and criteria will be developed. The call will be published on the web page.</p>		
	<p>2. Workshop: selection of candidates</p> <p>During the workshop planned in Belgrade (October 2019), WP members will discuss the applications, propose to applicant improvements if needed (regarding the type and performance of the proposed equipment) and select the best candidates.</p>	October 2019	lead partners+ PIs
	<p>34. Purchase of the equipment</p> <p>For each institution, the list of the equipment approved during the selection process will be prepared, the offers collected and the procurement process completed. The procurement process will respect all requirements as set up by rules of the EU. The basic information about established diagnostic and training hubs, together with the list of the equipment procured in the project, will be published on the web page.</p>	September 2020	Lead partners+ PIs
	<p>4. Forming a network of DTHs, signing agreements between DTHs</p> <p>The workshop in Tirana is planned in October 2020. On the workshop, coordinators of DTHs will be invited. The network of DTHs will be arranged by defining the shared rules for getting the use of DTHs. Agreement containing the shared rules for getting the use of DTHs will be prepared, discussed and signed among PIs.</p>	October 2020	Lead partners+ PIs

Meetings of the members of WP4

Date	Place	Task
February 2019	Zagreb	Defining the selection criteria and evaluation procedure for diagnostic and training hubs
October 2019	Belgrade	Selection of candidates
October 2020	Tirana	Forming a network of DTHs, signing agreements between DTHs

9. One person from every PI work on WP 5 (Mobility of students and staff, training of PhD students and staff)

Table 9. List of members of the WP5

Partner	Person engaged	Contact data (e-mail/ phone number)
FAZ- WP leader	associate professor Dinka	djelinic@agr.hr

	Grubišić, PhD	/+385 1 2393967
FAZOS	Prof. Vlatka Rozman, PhD (in exchange: Prof. Zvonko Antunović, PhD)	vrozman@fazos.hr /+385 91 2242051 zantunovic@fazos.hr /+385 91 2242002
UNIBA	assistant professor Matteo Spagnuolo	matteo.spagnuolo@uniba.it /+39 349 4472206
AU	Assoc. prof. Atanaska Stoeva, PhD	astoeva@au-plovdiv.bg /+359 87872 0334
AUA	Assistant Professor Sotirios Tjamos	sotiris@aua.gr / +30 210 5294519
AUT	Shpend Shahini	Shpend.shahini@gmail.com
UNIKO- WP leader	associate professor Ilir Ničko, PhD	ivangjelnicko@gmail.com /+355 692700221
UNSA	assistant professor Jasmin Grahić, PhD	j.grahic@ppf.unsa.ba /+387 33 225 727; +387 62 467 210
SVEMO	PhD Adrijana Filipović	adrijanamajic@gmail.com ; adrijana.filipovic@aptf.sum.ba /+387 63 355 000
UB	associate professor Milan Radivojević, PhD	milan@agrif.bg.ac.rs /+381 11 4413355)
UNS	assistant professor Aleksandra Konjević, PhD	sashak@polj.uns.ac.rs /+381 21 4853 358
UoM	Igor Pajović, PhD	pajovicb.igor@gmail.com /+382 69 374 890

Description of WP 5

Objectives	<ul style="list-style-type: none"> ➤ To organize student and staff mobility; ➤ To implement joint research among PIs; ➤ To ensure the sustainability of PhD study programs in Plant Health; ➤ To provide platform for future cooperation in research and education in order to be more involved in EU networks and projects, to support intra-WBC networking and create a platform of competences; 		
Outcomes	1. Mobility plan for PhD students and staff WP5 will meet jointly with the members of WP3 in Belgrade (October 2019). They will jointly make proposals for PhD student and staff exchange, research topics and potential mentorship. Mobility plan for students and staff will be prepared and published on the web page	October 2019	lead partners+ PIs
	2. Student and staff mobility implemented According to approved mobility plane, at each PIs staff and student mobility will be organized and implemented. PhD students and staff reports on the	October 2021	lead partners+ PIs

	mobility results will be published.		
	3. Training for mentors Eight trainings will be organized (one per each PI country). Programs of the trainings for mentors in different partner and program countries will be published on the web page	December 2020	Lead partners+ Pis
	4. Trainings for project proposal writing Eight trainings will be organized (one per country). Programs of the trainings for writing project proposals in different partner and program countries published on the web page.	October 2020	Lead partners+ Pis

Meetings of the members of WP5

Date	Place	Task
October 2019	Belgrade	Selection of candidates

10. Partners from program countries (FAZ, FAZOS, UNIBA, AU and AUA plus UNSA) have one person work on WP 6 (Quality assurance)

Table 10. List of members of the WP6

Partner	Person engaged	Contact data (e-mail/ phone number)
FAZ	associate professor Marko Vinceković, PhD	mvincekovic@agr.hr /+385 1 2393953
FAZOS- WP leader	Marija Grgić, Sc.Econ. (in exchange: Prof. Renata Baličević, PhD)	grgicm@fazos.hr /+385 99 6826715 rbalicevic@fazos.hr /+385 31 554838
UNIBA	assistant professor Stefania Pollastro	stefania.pollastro@uniba.it /+39 339 1855984
AU	Prof. Hristina Yancheva, PhD	rector@au-plovdiv.bg ; christina@au-plovdiv.bg /+359 88 899 0655
AUA	Associate Professor Ioannis Giannakou, PhD	giannakou@aua.gr /+30 210 5294571
UNSA- WP leader	assistant professor Almir Toroman, PhD	a.toroman@ppf.unsa.ba +387 33 225 727

Description of WP6

Objectives	<ul style="list-style-type: none"> ➤ To monitor and evaluate project progress and management; ➤ To evaluate the developed courses and the draft of the curriculum; 		
Outcomes	1. Evaluation board establishing Based on the proposal from Pis from program countries and from UNSA, during the kick-off conference, Evaluation board (EB) will be established.	March 2019	WP6

	Members will agree on the detailed working agenda for the whole project duration. EB will review project indicators and discuss about development of quality plan. Conclusions and recommendations regarding the project indicators will be sent to the MB.		
	2. Action plan for quality assurance Detailed quality plan containing project and performance indicators and schedule of the activities of EB will be published on the web page	May 2019	WP6
	3. Reports on mid- term and final monitoring on project implementation Report on mid-term monitoring will be submitted to MB after 18 months of project implementation and might contain recommendations and suggestions for improvement. Report on final monitoring will be submitted to MB at the end of the project.	July 2020 January 2022	WP6
	4. Reviewing of the developed draft of the curriculum The review of a draft of the curriculum conducted according to the Standards and Guidelines for Quality Assurance in the European Higher Education Area will be submitted to WP2 members and published on the web page.	September 2021	WP6
	5. Survey with students and staff who finished mobility The questionnaire for students and staff will be created in order to evaluate their satisfaction with realized mobility within the frame of HarISA project. The survey will be carried out and report will be prepared.	December 2021	WP6

Meetings of the members of WP6

Date	Place	Task
February 2019	Zagreb	Establishing EB, discussion on project indicators, preparation of action plan
October 2019	Belgrade	Six month monitoring report, creation of questionnaires for students and staff
October 2020	Tirana	Mid-term monitoring report
October 2021	Novi Sad	Final monitoring report

11. One person from every PI work on WP 7 (Project dissemination)

Table 11. List of members of the WP7

Partner	Person engaged	Contact data (e-mail/ phone number)
FAZ- WP leader	Zrinka Drmić, PhD In exchange Renata Bažok	zdrmic@agr.hr / +385 1 2393654 rbazok@agr.hr / +385 1 2393969
FAZOS	Daniel Haman, LL.M.	daniel.haman@fazos.hr / +385 31 554812
UNIBA	Rita Milvia De Miccolis Angelini	ritamilvia.demiccolisangelini@uniba.it / +39 339 1889510
AU	Assist. prof. Maria Vitanova, PhD	mariavitanova@abv.bg / +358 887 244198
AUA	Lecturer Konstantinos Aliferis, PhD	konstantinos.aliferis@aau.gr / +30 210 529 4541
AUT	Valdete Vorpsi	
UNIKO	1.Rezana Pengu Ph/D 2.Assistant pedagogue Fatos Zerelli, PhD student	rezanap@yahoo.com / +355 69 382555 fatoszerelli@gmail.com / +355 67 4064446
UNSA	Sabrija Čadro	s.cadro@ppf.unsa.ba / +387 33 225 727; +387 61 812 633
SVEMO- WP leader	Jurica Primorac PhD	Jurica.primorac@aptf.sum.ba / +387 36 337 123
UB	associate professor Dragica Brkić, PhD	dragica.brkic@agrif.bg.ac.rs / +381 11 4413398
UNS	Prof. Vera Stojšin, PhD	vera.stojšin@gmail.com / +381 21 4853 428
UoM	Professor Snježana Hrnčić, PhD	shrncic@yahoo.com / +382 69 440 073

Description of WP 7

Objectives	<ul style="list-style-type: none"> ➤ To disseminate the project results; ➤ To engage PhD students and scientists; ➤ To promote research results related to plant health for sustainable agriculture; 		
Outcomes	1. Communication and visibility action plan Members of the WP will meet at kick off conference. The final plan will be finalized after the workshop, by the end of the 4th month of the project. Objectives of dissemination and target groups will be identified in the document published on the web page and they will be distributed among project participants. For each objective and target group, different type of the activities will be proposed.	April 2019	WP leaders + Pis
	2. Web page and social media Web page, Facebook, Twitter and Instagram profiles	May 2019	WP7

	will be created. The projects' web page and social media profiles will be regularly updated. The structure of the working concept and website will allow three levels of access, including public access – external dissemination; partner access – internal dissemination towards all levels and layers of involved institutions; and administrative access – privileged access for selection, announcements, deadlines and maintenance activities. All relevant HarISA associated partners web sites will be up-dated with the partnership's outcomes and results.		
	3. Project materials published All materials resulted from the project activities will be published on the web page: events programmes, presentations, reports, mobility plan, calls for DTHs, teaching material, etc.	January 2022	WP7
	4. Research results published Research papers produced and published in different journals, as a result of research jointly conducted by PhD students and staff will be published on a project web page. The copyrights will be respected and if the papers are not published in open source journal summary and link will be published only.	September 2021	WP6

Meetings of the members of WP7

Date	Place	Task
February 2019	Zagreb	Communication and visibility plan

Table 12. List of administrative persons

Partner	Person engaged	Contact data (e-mail/ phone number)
FAZ	Sandra Skendžić	skendzic@agr.hr / +385 1 2393670
	Vesna Brezovac	vperic@agr.hr / +385 1 2393805
UNIBA	Nicola Coco	Nicola.coco@uniba.it / +39 080 5442466
AUT	Edmond Terthorja	
UB	Katarina Šmakić	public@agrif.bg.ac.rs
	Marija Šola Spasić	
UNS	Dragana Savić	dragana.krajinovic@polj.uns.ac.rs / +381214853212
	Dejan Gligorić	sekretar@polj.uns.ac.rs / +381214853206
UoM	Ana Dragutinović	anat@ac.me / +382 20414250
	Nikola Pavlović	nikola.pavlovic@ucg.ac.me / +382 20 414 242



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University of Zagreb Faculty of Agriculture
Svetosimunska street 25, 10000 Zagreb,
Croatia
Contact: harissa@agr.hr
www.agr.hr

